



7/1/03

1764 *[Signature]*

Attorney Docket: 1094-46

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Porter et al.

Serial No.: 09/992,445

Filing date: November 16, 2001

Publication No.: US2003/0094398A1

Publication date: May 22, 2003

Title: PROCESS TO PRODUCE A DILUTE ETHYLENE STREAM  
AN A DILUTE PROPYLENE STREAM

Date: July 21, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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THIRD PARTY SUBMISSION PURSUANT TO 37 C.F.R. §1.99

Sir:

Pursuant to 37 C.F.R. §1.99 the following listed patents and publications are submitted for consideration by the Office in the above referenced published U.S. patent application. Copies of the listed patents and publications are enclosed herewith.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this Correspondence and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 21, 2003 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV333227337US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: July 21, 2003

*[Signature: Adrian T. Calferone]*  
Adrian T. Calferone

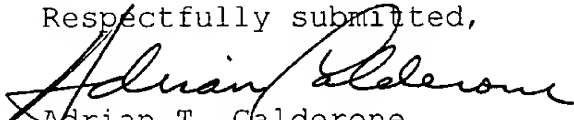
07/24/2003 HADELR1 00000028 09992445  
180.00 DP  
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Entry of the above listed documents in the subject application file and consideration by the Office are respectfully requested.

Pursuant to 37 C.F.R §1.17(p) the fee of \$180.00 is enclosed herewith. Please charge any additional fees which may be due or credit any overpayment to Charge Account: 04-1121. TWO DUPLICATES OF THIS SHEET ARE ENCLOSED.

A copy of this paper and of the documents listed herein are concurrently served on the attorneys indicated in the subject published application.

Respectfully submitted,

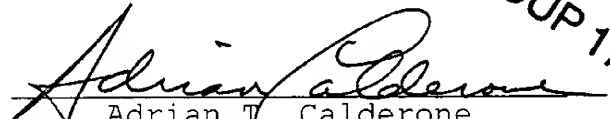
  
Adrian T. Calderone  
Reg. No. 31,746

DILWORTH & BARRESE, LLP.  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
Tel: (516) 228-8484  
Fax: (516) 228-8516

PROOF OF SERVICE

The undersigned hereby certifies that a copy of the attached  
THIRD PARTY SUBMISSION PURSUANT TO 37 C.F.R §1.99 and copies of  
the patent and publications cited therein were served upon Chevron  
Phillips Chemical Company LP, Law Department-IP, P.O. Box 4910,  
The Woodlands, TX 77387-4910, by transmission via first class  
mail on July 21, 2003.

Date: July 21, 2003

  
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LISTING OF PATENT AND PUBLICATION DOCUMENTS

Nº	Document	Date of Publication
1	Pertinent pages of an Environmental Report, dated April 1999, and publically distributed in Australia by Huntsman Chemical Co., owner and operator of an ethylene plant, ethyl benzene plant, and styrene plant in West Footscray, Victoria, Australia. This plant commenced operation in the mid 1970's and has operated since with essentially no changes to the process design. The pertinent pages attached deal with the process technology utilized in the Huntsman plant. The Document was delivered to: Government officials in Australia Press Local Community	April 1999  RECEIVED JUL 25 2003 GROUP 1700
2	U.S. Patent No. 5,981,320, issued November 9, 1999, entitled "Integrated Cracking and Olefins Derivative Process Utilizing Dilute Olefins"	November 9, 1999
3	U.S. Patent No. 5,880,320, issued March 9, 1999 entitled "Combination Process for Manufacturing Ethylene, Ethylbenzene and Styrene"	March 9, 1999
4	Hydrocarbon Processing Magazine article, published May 1999, entitled "Integrate ethyl benzene production with an olefins plant"	May 1999
5	Oil and Gas Journal Magazine article, published September 26, 1977, entitled "Ethylbenzene Unit operates well on dilute ethylene"	September 26, 1977
6	U.S. Patent No. 5,960,643, issued October 5, 1999, entitled "Production of Ethylene Using High Temperature Demethanization"	October 5, 1999
7	Hydrocarbon Processing Magazine article, published December, 1983, entitled "Ethylene From Natural Gas Feedstocks, Part 3, Flow Scheme Comparisions"	December 1983
8	Hydrocarbon Processing Magazine article, published August, 1979, entitled "Front End Deethanizer Saves Energy"	August 1979